SC ????????? SRL
Echipament: Analizor auton

Hematologie Nivel Low (Bas)
Lot ?????? Exp. ????

Proba	**HGB g/dl**	**WBC**x10E9/L	**RBC**x10E12/L	**HCT %**	**MCV** fL	**MCH** pg	**MCHC** g/dl
1	5.7	2.10	2.22	15.9	72.0	25.6	35.8
2	5.9	2.10	2.21	16.0	72.0	26.5	36.7
3	5.7	2.09	2.22	15.7	73.0	24.5	35.6
4	5.9	2.16	2.28	17.1	71.0	26.5	36.5
5	5.7	2.00	2.28	17.1	71.0	25.4	36.4
6	6.1	2.05	2.26	16.9	72.0	25.1	36.3
7	5.9	2.05	2.29	17.2	73.0	25.7	36.1
8	5.7	2.38	2.28	16.9	68.0	26.4	36.4
9	5.8	2.10	2.33	17.5	69.0	26.9	35.9
10	5.7	2.32	2.22	16.7	72	25.2	36.5
average-Media	**5.81**	**2.14**	**2.26**	**16.7**	**71.3**	**25.78**	**36.22**
stdev	0.1370	0.1217	0.0398	0.6164	1.6364	0.7671	0.3553
Cv	2.3586	5.6992	1.7639	3.6913	2.2951	2.9756	0.9809
UA	**0.137**	**0.122**	**0.040**	**0.616**	**1.636**	**0.767**	**0.355**
Incertitudine etalonare							
Ubetal	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Domeniu	5,3-6,1	1,6-2,4	2,11-2,41	13,8-17,8	66-74	23,2-27,2	33-39
Val tinta	5.7	2	2.26	15.8	70	25.2	36
a- limita inf	5.3	1.6	2.11	13.8	66	23.2	33
a+limita sup	6.1	2.4	2.41	17.8	74	27.2	39
a+-a- Interval	**0.8**	**0.8**	**0.3**	**4.0**	**8.0**	**4.0**	**6.0**
UBref	**0.2309**	**0.2309**	**0.0866**	**1.1547**	**2.3094**	**1.1547**	**1.7321**
suma patrate	33.809	4.612	5.111	280.223	5089.023	665.942	1314.888
UC	**5.8146**	**2.1475**	**2.2607**	**16.7399**	**71.3374**	**25.8058**	**36.2614**
UE	**11.6292**	**4.2949**	**4.5213**	**33.4797**	**142.6748**	**51.6117**	**72.5228**
BIAS%	1.9298	6.7500	-0.0442	5.6962	1.8571	2.3016	0.6111

nat de hematologie ????'

PLTx10E9/L	**RDW-%**
73.0	17.4
73.0	13.6
73.0	14.3
79.0	18.2
71.0	12.9
68.0	13.1
73.0	14.3
74.0	18.5
72.0	12.4
72	16.3
72.8	**15.1**
2.7406	2.2988
3.7646	15.2238
2.741	**2.299**
0	**0**
52-92	11,9-17,9
72	14.9
52	11.9
92	17.9
40.0	**6.0**
11.5470	**1.7321**
5433.173	231.010
73.7101	**15.1990**
147.4201	**30.3980**
1.1111	1.3423

SC ????????? SRL
Echipament: Analizor automat de he

Hematologie Nivel Low (Bas)
Lot ?????? Exp. ????

Proba	**HGB** g/dl	**WBC**x10E9/L	**RBC**x10E12/L	**HCT** %	**MCV** fL	**MCH** pg	**MCHC** g/dl	**PLT**x10E9/L
1	13.6	7.80	4.48	38.6	79.0	30.4	35.3	226
2	13.4	7.70	4.49	37.5	84.0	30.6	35.9	229
3	13.4	7.60	4.46	37.5	83.0	30.6	35.8	224
4	13.5	7.60	4.49	37.7	86.0	30.7	35.8	237
5	13.5	7.60	4.51	37.8	85.0	30.6	35.7	248
6	14.7	8.30	4.69	38.2	79.0	30.1	35.1	230
7	13.5	7.60	4.79	38.4	82.0	30.3	35.2	247
8	13.4	7.7	4.72	38.1	81.0	30.1	35.2	237
9	13.5	7.9	4.69	37.8	84.0	30.6	35.8	249
10	13.3	7.6	4.74	37.9	80.0	30	35.1	238
average-Media	**13.58**	**7.74**	**4.606**	**37.95**	**82.3**	**30.4**	**35.49**	**236.5**
stdev	0.4022	0.2221	0.1301	0.3689	2.4967	0.2582	0.3348	9.2286
Cv	2.9618	2.8697	2.8237	0.9722	3.0336	0.8493	0.9434	3.9021
UA	**0.402**	**0.222**	**0.130**	**0.369**	**2.497**	**0.258**	**0.335**	**9.229**
Incertitudine etalonare								
UBet	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Domeniu	13,2-14,2	6,7-8,3	4,45-4,81	35-40	77-85	27.6-31.6	33,5-39,5	210-290
Val tinta	13.7	7.5	4.63	37.5	81	29.6	36.5	250
a- limita inf	13.2	6.7	4.45	35	77	27.6	33.5	210
a+limita sup	14.2	**8.3**	**4.81**	**40**	**85**	**31.6**	**39.5**	**290**
a+-a- Interval	**1.0**	**1.6**	**0.4**	**5.0**	**8.0**	**4.0**	**6.0**	**80.0**
UBRef	**0.2887**	**0.4619**	**0.1039**	**1.4434**	**2.3094**	**1.1547**	**1.7321**	**23.0940**
suma patrate	184.500	60.121	21.226	1442.286	6778.623	925.493	1262.540	56465.583
UC	**13.5831**	**7.7538**	**4.6072**	**37.9774**	**82.3324**	**30.4219**	**35.5322**	**237.6249**
UE	**27.1661**	**15.5075**	**9.2143**	**75.9549**	**164.6648**	**60.8438**	**71.0645**	**475.2498**
BIAS%	-0.8759	3.2000	-0.5184	1.2000	1.6049	2.7027	-2.7671	-5.4000

matologie ?????????

RDW-%	MPV fL
12.1	8.8
12.1	8.7
11.9	8.8
12.1	8.7
12.0	8.8
11.5	8.7
11.9	8.8
11.9	8
11.7	8.8
12.1	8.8
11.93	**8.69**
0.2003	0.2470
1.6788	2.8421
0.200	**0.247**
0	**0**
10,3-16,3	5,9-11,9
13.3	8.9
10.3	5.9
16.3	**11.9**
6.0	**6.0**
1.7321	**1.7321**
145.325	78.516
12.0551	**8.8609**
24.1102	**17.7219**
-10.3008	-2.3596

SC ????????? SRL
Echipament: Analizor aut

Hematologie Nivel Low (Bas)
Lot ?????? Exp. ????

Proba	**HGB g/dl**	**WBC**x10E9/L	**RBC**x10E12/L	**HCT %**	**MCV** fL	**MCH** pg	**MCHC** g/dl
1	17.70	21.40	5.45	50.1	85.0	32.6	35.4
2	17.90	21.80	5.46	50.1	89.0	32.8	35.7
3	17.60	21.10	5.41	49.7	87.0	32.6	35.5
4	17.80	21.20	5.45	50.6	86.0	32.6	35.1
5	17.70	21.30	5.42	50.1	90.0	32.7	35.4
6	17.70	20.90	5.49	50.6	87.0	32.3	35.0
7	18.10	20.10	5.57	51.3	84.0	32.5	35.3
8	17.80	21.90	5.44	50.2	85.0	32.6	35.4
9	18.40	21.50	5.67	51.5	87.0	32.4	35.0
10	17.60	20.80	5.41	49.9	88.0	32.6	35.4
average-Media	**17.83**	**21.20**	**5.48**	**50.4**	**86.8**	**32.6**	**35.3**
stdev	0.2497	0.5228	0.0826	0.5915	1.8738	0.1418	0.2251
Cv	1.4003	2.4661	1.5082	1.1734	2.1588	0.4354	0.6373
UA	**0.2497**	**0.5228**	**0.0826**	**0.5915**	**1.8738**	**0.1418**	**0.2251**
Incertitudine etalonare	0	0	0	0	0	0	0
UBetal	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Domeniu	17.2-18.4	19,1-22,3	5,43-5,83	47-52	83-91	29,6-33,6	33,3-39,3
Val tinta	17.8	20.7	5.63	49	87	31.6	36.3
a- limita inf	17.2	19.1	5.43	47	83	29.6	33.3
a+limita sup	18.4	**22.3**	**5.83**	**52**	**91**	**33.6**	**39.3**
a+-a- Interval	**1.2**	**3.2**	**0.4**	**5.0**	**8.0**	**4.0**	**6.0**
UBref	**0.3464**	**9.1058**	**2.3806**	**21.2332**	**37.1580**	**13.7199**	**16.0474**
suma patrate	318.029	532.355	35.665	2992.015	8914.959	1249.040	1505.020
UC	**17.8334**	**23.0728**	**5.9720**	**54.6993**	**94.4191**	**35.3418**	**38.7946**
UE	**35.6667**	**46.1456**	**11.9440**	**109.3986**	**188.8381**	**70.6835**	**77.5892**
BIAS%	0.1685	2.4155	-2.7176	2.8776	-0.2299	3.0696	-2.6997

:omat de hema

PLTx10E9/L
468.0
469.0
547.0
460.0
472.0
550.0
469.0
475.0
473.0
472.0
485.5
33.4573
6.8913
33.4573
0
0
465-555
510
465
555
90.0
226.6231
287068.285
535.7875
1071.5751
-4.8039

SC ??????
Echipament

Hematologie Nivel Low (Bas)
Lot ?????? Exp. ????

Data	WBC	RBC	HGB	PLT	HCT	MCV
06,04,2010	2.1	2.23	5.7	65	15.9	72
07,04,2010	2.2	2.23	5.7	68	15.9	71
08,04,2010	2.1	2.22	5.7	64	15.8	71
09,04,2010	2.1	2.19	5.6	66	15.6	71
12,04,2010	2.1	2.21	5.6	69	15.8	71
13,04,2010	2.1	2.22	5.7	73.0	15.9	72.0
14,04,2010	2.1	2.20	5.6	64.0	15.8	72.0
15,04,2010	2	2.25	5.8	78	16.1	72
16,04,2010	2	2.2	5.7	70	15.8	72
21,04,2010	2.1	2.21	5.9	73	16	72
average-Media	**2.09**	**2.22**	**5.70**	**69.00**	**15.86**	**71.60**
stdev	0.0568	0.0178	0.0943	4.5947	0.1350	0.5164
Cv	2.7160	0.8016	1.6541	6.6590	0.8511	0.7212
UA	**0.0568**	**0.0178**	**0.0943**	**4.5947**	**0.1350**	**0.5164**
Incertitudine etalonare	0	0	0	0	0	0
stdev	0	0	0	0	0	0
Ubetal	0	0	0	0	0	0
Domeniu	1,6-2,4	2,11-2,41	5,3-6,1	52-92	13,8-17,8	66-74
Val tinta	2	2.26	5.7	72	15.8	70
a- limita inf	1.6	2.11	5.3	52	13.8	66
a+limita sup	2.4	2.41	6.1	92	17.8	74
a+-a- Interval	**0.8**	**0.3**	**0.8**	**40.0**	**4.0**	**8.0**
Ubref- 12 RECT	**0.2309**	**0.0866**	**0.2309**	**11.5470**	**1.1547**	**2.3094**
suma patrate 2	0.0032	0.0003	0.0089	21.1111	0.0182	0.2667
UC 2	**0.0568**	**0.0178**	**0.0943**	**4.5947**	**0.1350**	**0.5164**
UE 2	**0.1135**	**0.0355**	**0.1886**	**9.1894**	**0.2700**	**1.0328**
BIAS%	4.5000	-1.9469	0.0000	-4.1667	0.3797	2.2857

Executant

??? SRL

t: Analizor automat de hematologie ????????? Seria

MCH	MCHC	RDW	MPV
25.7	35.9	13.7	9.3
25.4	35.8	14.1	10
25.7	36.1	14.0	9.5
25.8	36.2	13.8	9.7
25.4	35.5	14	9.9
25.6	35.8	14.3	10.0
25.6	35.7	14.1	9.7
25.7	35.9	14.3	9.6
25.9	36.1	14.2	9.9
26.5	36.7	13.6	9.7
25.73	**35.97**	**14.01**	**9.73**
0.3129	0.3302	0.2424	0.2263
1.2160	0.9179	1.7305	2.3260
0.3129	**0.3302**	**0.2424**	**0.2263**
0	0	0	0
0	0	0	0
0	0	0	0
23,2-27,2	33-39	11,9-17,9	6,9-12,9
25.2	36	14.9	9.9
23.2	33	11.9	5.8
27.2	39	17.9	11.8
4.0	**6.0**	**6.0**	**6.0**
1.1547	**1.7321**	**1.7321**	**1.7321**
0.0979	0.1090	0.0588	0.0512
0.3129	**0.3302**	**0.2424**	**0.2263**
0.6257	**0.6603**	**0.4849**	**0.4526**
2.1032	-0.0833	-5.9732	-1.7172

Sef laborator

SC ????????? SRL

Echipament: Analizor auto

Hematologie Nivel Low (Bas)

Lot ?????? Exp. ????

Data	WBC	RBC	HGB	PLT	HCT	MCV	MCH
06,04,2010	8.1	4.46	13.5	243	37.1	83.0	30.3
07,04,2010	8.1	4.55	13.7	240	37.7	83.0	30.1
08,04,2010	8.1	4.55	13.6	234	37.8	83.0	29.8
09,04,2010	8.1	4.60	13.8	246	38.2	83.0	30.0
12,04,2010	8.2	4.64	13.6	238	38.4	83.0	29.3
13,04,2010	8.0	4.66	13.8	242	38.5	83.0	29.6
14,04,2010	8.0	4.67	13.8	250	38.7	83.0	29.5
15,04,2010	8.2	4.55	13.7	239	37.6	83.0	30.0
16,04,2010	8.2	4.65	13.8	237	38.5	83.0	29.7
21,04,2010	8.0	4.61	13.9	245	38.3	83.0	30.1
average-Media	**8.1**	**4.6**	**13.7**	**241.4**	**38.1**	**83.0**	**29.8**
stdev	0.0816	0.0662	0.1229	4.7656	0.5073	0.0000	0.3134
Cv	1.0080	1.4410	0.8960	1.9742	1.3321	0.0000	1.0503
UA	**0.0816**	**0.0662**	**0.1229**	**4.7656**	**0.5073**	**0.0000**	**0.3134**

mat de hematologie ????????? Seria

MCHC	RDW	MPV
36.5	12.0	8.7
36.3	11.9	8.4
36.0	12.2	8.7
36.1	12.1	8.7
35.4	12.3	8.7
35.7	12.1	8.8
35.6	12.2	8.7
36.3	12.1	8.8
35.9	12.2	8.7
36.2	11.9	8.6
36.0	**12.1**	**8.7**
0.3496	0.1333	0.1135
0.9711	1.1019	1.3079
0.3496	**0.1333**	**0.1135**

SC ????????? SRL
Echipament: Analizor aut

Hematologie Nivel Low (Bas)
Lot ?????? Exp. ????

Data	WBC	RBC	HGB	PLT	HCT	MCV	MCH
06,04,2010	21.6	5.50	17.6	482	49.5	90.0	32.1
07,04,2010	21.6	5.58	17.8	491	50.2	90.0	32.0
08,04,2010	21.6	5.62	17.8	499	50.3	89.0	31.7
09,04,2010	22.1	5.57	17.8	478	50.1	90.0	31.9
12,04,2010	21.7	5.45	17.5	489	49.0	90.0	32.2
13,04,2010	21.8	5.56	17.8	484	50.1	90.0	32.1
14,04,2010	21.4	5.55	17.7	487	49.9	90.0	31.9
15,04,2010	21.9	5.53	17.8	487	49.8	90.0	32.2
16,04,2010	21.9	5.56	17.9	485	50.3	90.0	32.2
average-Media	**21.73**	**5.55**	**17.74**	**486.9**	**49.9**	**89.9**	**32.0**
stdev	0.2121	0.0490	0.1236	5.9465	0.4285	0.3333	0.1732
Cv	0.9761	0.8832	0.6966	1.2213	0.8585	0.3708	0.5407
UA	**0.2121**	**0.0490**	**0.1236**	**5.9465**	**0.4285**	**0.3333**	**0.1732**
Incertitudine etalonare	0	0	0	0	0	0	0
UBetal	0	0	0	0	0	0	0
Domeniu	19,1-22,3	5,43-5,83	17,2-18,4	465-555	47-52	83-91	29,6-33,6
Val tinta	20.7	5.63	17.8	510	49	87	31.6
a- limita inf	19.1	5.43	17.2	465	47	83	29.6
a+limita sup	22.3	5.83	18.4	555	52	91	33.6
a+-a- Interval	**3.2**	**0.4**	**1.2**	**90**	**5.0**	**8**	**4.0**
Ubref- 12 RECTANG	**0.9238**	**0.1155**	**0.3464**	**25.9808**	**1.4434**	**2.3094**	**1.1547**
suma patrate 2	0.0450	0.0024	0.0153	35.3611	0.1836	0.1111	0.0300
UC 2	**0.2121**	**0.0490**	**0.1236**	**5.9465**	**0.4285**	**0.3333**	**0.1732**
UE 2	**0.4243**	**0.0980**	**0.2472**	**11.8930**	**0.8570**	**0.6667**	**0.3464**
BIAS%	4.9919	-1.4802	-0.3121	-4.5316	1.8594	3.3206	1.3713

Executant

tomat de h

MCHC
35.7
35.6
35.5
35.4
35.8
35.6
35.5
35.7
35.6
35.6
0.1225
0.3440
0.1225
0
0
33,3-39,3
36.3
33.3
39.3
6.0
1.7321
0.0150
0.1225
0.2449
-1.9284